**Below are the questions that were sent to Blythe Gable (the father) in blue and his answers in green. We received his response to our questions on Friday, February 24, 2012.**  
**1) We are unsure of your electricity costs. Could you please specify? The total on the PG&E pages that we were given is around $4,000/year. We were under the impression that the cost was $3,000/month for three months, amounting to $9,000/year. Also, does that include the electricity costs for the house?**  
**$7-9000 per year**  
**2) Please describe past and current irrigation plans. Has it always been 1 day per week for three months in the summer?**  
**Every other week depends on summer temperature**  
**3) Would it be possible to get the past pump test data?**  
**Call farm supply**  
**4) What tractors/machinery do you have and what sort of hooks up do you have for it? We were considering figuring out a reel system to pull in drip irrigation after you finish watering for the year. Our thoughts were to hook up the reel to some machine to pull it in instead of using hand power. Let us know if you think this is improbable, or not something that you would be interested in.**  
**John Deere 790, Masey Ferguson 165, 3 point hitch. Something to consider is reel size and how much tubing would go on it. Rows are 800-1000 feet in length. Tubing size would need to be 1/2-3/4" diameter plus emitters. Every 10' might work. Determining size and weight for moving needs to be thought about. I am not familiar with what different kinds of drip tubing are available, but it’s certainly worth looking into.**  
**5) During our meeting with the pump specialist, she suggested installing a VFD (variable frequency drive) on existing pumps to control pump output (this is more precise than controlling it by hand). Might you be interested in something like that?**  
**Great idea, but not with existing system.**  
**6) What is the existing water system in your house? Such as, is there a pump, do you have a bladder in the system, how large is the storage tank, how much water is consumed from the tank for home use?**  
**-We are curious about this because the specialist suggested having pumps move water up to a storage tank for irrigation purposes and then use a booster pump to move it away for irrigation. Would it be plausible to combine these uses in the existing tank?**  
**It would not work with the existing tank because it is a community tank. The idea of a storage tank with a buster pump is a very good idea for many reasons:**  
**a. Well pump doesn't turn on and off so frequently.**  
**b Fertilizers can be added to tank for distribution to drip.**  
**c. A less horse power pump saves electricity. The flow would need to be calculated to determine the size of tank.**  
**7) Could we get some idea of (or a drawing of) the pipe lines that run through the farm? What about lines crossing Monte Rd?**  
**We are trying to locate drawings.**  
**8) Are there any issues that could arise from pumping water across Monte Rd?**  
**I don't see any reason to pump across Monte Rd... explain your thoughts.**  
**9) What process is involved in order to separate from sharing wells with the Land Conservancy and to use your own wells and pumps?**  
**The head pressure would need to be calculated and how far to design pump system to deliver desired flow.**